

THE · TECH



VOL.
19.

NO.
20.

MARCH 15,
1900.

First-Class....

Hair Cutting
Shampooing
Singeing
Shaving.



CHRIS. DE SIMONE,
 PROPRIETOR.

Specialty....

Private RAZORS
 honed and kept in
 order.
 The individual
 wants of customers
 adhered to. . . .

WRIGHT & DITSON . . .

Leading Base Ball Outfitters.

Wright & Ditson's Intercollegiate Base Ball
 is specially adapted for school and
 college matches, \$1.25.

Wright & Ditson's League Ball,	\$1.00	College Bats,50
Wright & Ditson's League Bats are finely balanced, thoroughly seasoned and are hard drivers,75	Amateur Bats,25
League Bat,75	Special College Catchers' Mit, Extra Large,	\$7.00
		Ordinary Size,	5.00
		Best Baseman's Mit,	4.00
		Best Fielder's Glove,	2.50

Uniforms, Shoes and other Supplies are the Best.
 Send for Catalogue containing Price List of Golf, Tennis, Foot Ball and General Athletic Goods.

WRIGHT & DITSON,
 344 WASHINGTON STREET, BOSTON, MASS.

Oak Grove Creamery Company,

= = DAIRY LUNCH ROOM, = =

465 BOYLSTON STREET, COR. BERKELEY, * * * Opp. Y. M. C. A. Building.
 Where can be had Sandwiches of all kinds, Soups, Tea, Coffee, and regular Dairy Lunch.

EVERYTHING FIRST-CLASS.

Pure, Fresh-churned Butter, in Quarter-pound Prints, 5 and 10 Pound Boxes. Pure, Fresh Milk and Cream, delivered in Glass Jars. Fresh-laid Eggs. Pure, Full-Cream Cheese, American (plain), Sage, Neufchatel and Edam. All kinds of Fruit Ices.

NELSON L. MARTIN.

Boston University School of Medicine.



Large teaching force, including specialists. Advanced and thorough methods of instruction. High standards. A broad and comprehensive curriculum. Exceptional laboratory and clinical facilities; upwards of 20,000 hospital and dispensary patients being annually available for purposes of clinical instruction.

For information and circular, apply to

J. P. SUTHERLAND, M.D., *Registrar*,
 295 Commonwealth Avenue,
 BOSTON, MASS.

HIBBARD & MASON

(INCORPORATED)

Tailors,

414 Washington Street,

BOSTON.

Telephone, Oxford 579.

SUITINGS FROM \$30 UPWARDS.

OUR SPRING AND SUMMER STYLES HAVE ALL ARRIVED.

The WESTMINSTER

THE NEW HOTEL ON
COPLEY
SQUARE.

The Main Dining Room, Bohemian
Cafe, and Gentlemen's Cafe are
always open. Music during dinner
and after the Theatre * * * *

Transient Rooms on
the European Plan*

HARRY L. BROWN, - Manager.

Gifts for All... ...Occasions.

Weddings, Anniversaries,
Birthdays.

Gold, Silver, China and
Novelties.

Class Engraving.
Athletic Prizes. .

H. Stowell & Co., 24 Winter St.

T.E. Moseley & Co.,



SEASONABLE SHOES,
BLACK OR RUSSET,
\$3.50 TO \$9.00.

145 Tremont St., Between Temple Pl. & West St.
10% DISCOUNT TO TECH.

Massachusetts Cafe.

ORDER COOKING AT ALL HOURS.

Fine Line of Confectionery.

Hampden Fruit-Flavored Ice Cream
Fruit of all kinds.

Choice Line of Cigars.

Open from 7 A. M. till 12 P. M.

G. MUGAR & COMPANY,
No. 587 Massachusetts Avenue, corner Shawmut.

THE HENRY F. MILLER Pianos

Are built for buyers who consider
quality more than price. . . .

Warerooms,
PIANOS FOR RENT. 88 BOYLSTON STREET.

The
Gardner
and
Vail
Laundry

OF NEW YORK.

The L. E. FLETCHER CO.,
AGENTS.

We Call for and
Deliver Laundry.

Shirts to Measure

Our Specialty.

ALWAYS ON HAND:

DRESS SHIRTS, COLLARS AND
CUFFS.

Newest Effects in

Neckwear, Gloves,
Hosiery, Pajamas.

SPECIAL LINES OF

Underwear, Golf Hose, Umbrellas
and Mackintoshes.



The L. E. Fletcher Co.,



134 BOYLSTON STREET.

J. & W. Brooks & Co.
Importing Tailors
15 MILK STREET,
OPPOSITE OLD SOUTH CHURCH
LONDON OFFICE,
6 SAVILE ROW.

BIRTHPLACE OF FRANKLIN
1796

THE LARGEST ASSORTMENT OF FOREIGN WOOLLENS SHOWN IN BOSTON.

CO-OPERATIVE.

THE TECH

VOL. XIX.

BOSTON, MARCH 15, 1900.

NO. 20.

THE TECH

Published every Thursday, during the college year, by students of the Massachusetts Institute of Technology.

I. RAYNE ADAMS, 1902, *Editor in Chief*.

HENRY H. SAYLOR, 1902, *Assistant Editor in Chief*.

WALTER H. FARMER, 1902, *Secretary*.

STANLEY G. H. FITCH, 1900.

JOSEPH P. DRAPER, 1900.

PAUL RAYMOND BROOKS, 1900.

JOSEPH P. DRAPER.

EDWARD H. DAVIS, 1901.

H. W. MAXSON, 1901.

ROBERT WHITE, JR., 1901.

C. A. SAWYER, JR., 1902, *Art Editor*.

THEODORE W. BRIGHAM, 1900, *Business Manager*.

ALBERT E. LOMBARD, 1902,

ARTHUR SMITH MORE, 1902, } *Assistant Business Managers*.

OFFICE HOURS:

Editor in Chief,

Monday, 12-1 P. M.

Business Manager,

Saturday, 12-1 P. M.

For the benefit of students THE TECH will be pleased to answer all questions and obtain all possible information pertaining to any department of the College.

Contributions are requested from all undergraduates, alumni, and officers of instruction. No anonymous manuscript can be accepted.

Subscription, \$2.00 per year, in advance. Single copies, 10 cts. each.

Entered in Post Office, Boston, Mass., as Second-Class Matter.

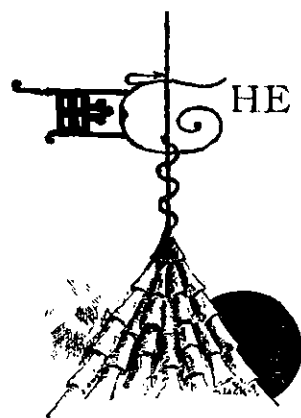
Press of Lounsbury Nichols & Worth Company.



Is the Freshman Class going to hold a competitive drill this spring? It seems to be about time for that question to be decided. The drill last year was a decided success and much interest was taken in it by the class

and Captain Boardman. The Faculty certainly approved of it for President Crafts presented the prize cup to the successful competitors. The attendance was large and everything went off in good shape. There is no reason why the drill should not be repeated

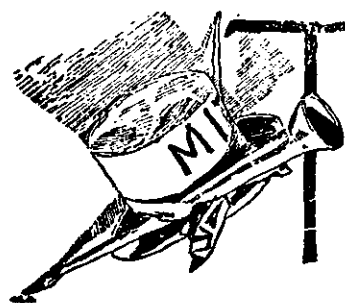
this year. The Class of 1902 presented the cup and it is, in a measure, the duty—it ought to be the pleasure as well—of the Freshman Class to see that it is competed for this year. Up to the present time, however, but little interest has been taken in the matter either by the class or by the commanding officer. Enough trouble has been caused already. Let the class redeem itself by entering into this matter with enthusiasm, and make it as successful, yes, more successful, than it was last year.



THE chief event in the year of the senior is the choice of his thesis. For it he has been preparing, during the three preceding years of his career at Tech, and by it he expects to show the Faculty whether their efforts to train his mind in certain directions have been successful in stimulating original and initiative thought and ideas along those lines. For although chance or circumstances play what seems to be an important part in the selection of the subject, all the previous professional work cannot help predisposing the man to see the opportunity where or when it does come. Today, with but a very few exceptions, the men who expect to take their degrees next June, are well advanced in this their first important work alone.

The experimental work is now in full blast, later comes the less interesting but more valuable task of working up the results, when it will appear if the preparations or plans overlooked nothing necessary to the completeness of the knowledge of the sub-

ject. So that practically the entire worth of the thesis read on the graduation platform depends on the decisive choice at first, and its planning and foresight immediately following.



HE initiative movement started by the Junior Class in making evening dress not required at its annual dinner is something which is worthy of imitation by all the undergraduate classes. However, it must be admitted that the Junior Class is rather defeating the good ends it might accomplish by not prohibiting evening dress altogether, because as the case is now, many will stay away out of uncertainty. In many other colleges of high standing, evening dress is not worn, a larger number of students attend the dinner than would otherwise be the case and the class as well as the individual benefits by this closer intimacy which is so often shut out by the artificial proprieties of life. The movement in Tech. has everything in favor of it, and we trust that it will become an established custom, thus bringing a larger college spirit into the Institute.

Technology Theatricals.

The provisional cast for the Walker Club play, "The Miser," is as follows:

Lovegold	Scully '01
Lappet	Howe '00
Mariana	Beckwith '00
Ramilie	Appleton '01
Harriet	Constantine '00
Frederick	Tolman '02
Clermont	Brooks '00
Mistress Wisely	Peters '01
Decoy	Fowler '02
James	Eveland '01
Wheedle	Morse '01
Thomas	Fowley '02
Spavile	Burr '03
Satin	Gilron '03
Finish	Sexton '01

1902 Class Dinner.



THE Class of 1902 held its annual Dinner at the Vendome on Friday evening, March 9. Fifty-six men sat down to an excellent dinner, after which President H. O. Bosworth opened the Toast List, which appeared in an exceptionally well-drawn cover by A. H. Sawyer, with an address. He urged all to forget their cares in an evening of jolly goodfellowship, and introduced the Toastmaster, W. H. Simpson. Mr. Simpson's stock of stories was not large but the quality left nothing to be desired, and his quotations were amusing and to the point. After some music on the banjo and guitar by Messrs. Belcher, A. H. Sawyer and Kruse, '03, I. Rayne Adams responded to the toast "Technique." With dry humor he explained the differences between the Catalogue and the Junior annual, and urged the members of the class to elect only the most capable and representative men in order to have a Technique next year worthy of 1902. In "Class Anecdotes," A. W. Friend made several exposés of class members' exploits, and told some good stories. F. A. Poole then rendered some excellent mandolin music which was heartily encored. G. T. Seabury made the hit of the evening, however, in a serious talk on "Athletics." Under the three heads, Football, Baseball and Track Athletics, he discussed the past and future of the Class and ended with an earnest plea for more college spirit and good hard work for the welfare of the teams. P. E. Chalifoux enlarged on "Sparkling Generalities," by telling of electric cars, automobiles, Capt. Boardman's case, and many other interesting things. H. K. Hooker's bass solo, "A Stein Song," proved so popular that he responded to the encore with another verse of it and then "The

Wives of St. Ives." R. L. Kruse, '03, was given a vote of thanks for his services with the guitar, he having taken the place of one of the members of the Class who was ill. In response to a call for a speech he thanked the Class for its courtesy and drank a glass of milk, which some Soph. had kindly given him, to the health of 1902. After the assigned toasts Mr. Simpson called on Messrs. Kellogg and Lombard, after which followed the usual lot of stories from the other members of the Class.

It was voted to send an account of the dinner to H. E. Stillings in the Philippines and three cheers were given for Capt. Boardman, after which the regular Tech. yell and the class yell were given, and Naughty-Two's Sophomore Dinner had been a great success.

The following men attended:—Messrs. Friend, H. C. Turner, Allyn, Hooker, R. F. Whitney, Knight, Durant, McKechnie, A. H. Sawyer, Root, Belcher, Prendegast, Ewart, E. Turner, Cutter, Lund, Marvin, Brown, McCarthy, Chalifoux, Seabury, Sherman, C. Boardman, Thurston, Patch, Taylor, Fish, E. L. Baker, Morse, Bates, Kimball, Gordon, Robbins, Poole, Farmer, C. A. Sawyer, Jr., Lombard, More, Saylor, Stow, Cook, Sturtevant, Bilyea, Latschaw, Kellogg, Proctor, J. B. Turner, Williams, Ballard, Bosworth, Simpson, Adams, Fletcher, and R. L. Kruse, '03.

Calendar.

Thursday, March 15. 4.10 P. M.—M. I. T. Y. M. C. A., Room 11, Rogers. 1901 Class Dinner, Thorndike, 7 P. M.

Friday, March 16, 7 P. M.—1903 Class Dinner at Young's. Concert by Musical Clubs at Dorchester. Lecture by F. H. Watts on Photographic Surveying before the Civil Engineering Society. 42 Pierce Building, 4.15 P. M. Meeting of the Andover Club, Room 11, Rogers Building, 1 P. M.

Saturday, March 17.—Hare and Hounds Run, Newton Center. Leave Columbus Ave. Station at 1.50 P. M.

Monday, March 19, 1 P. M.—TECH Board meeting at TECH Office. Meeting of the Football Association, Room 11, Rogers Building, 1 P. M.

Thursday, March 22,—Concert at Boston Y. M. C. A.

Historic Pieces.

During the past year there have been placed on the walls of the general library two portraits, both of men who have in the past been intimately connected with the Institute. Although they have been in our possession for several years, it was only recently that the authorities decided to put them in a place more conspicuous and better suited to those who had helped to make Technology what it is to-day. One of these, with the Rogers Building in the background, is a painting of Dr. William Johnson Walker, the first large benefactor of the Institute. He graduated from Harvard University in 1810, and from the Harvard Medical School in 1813. By his generous gifts to the Institute in its early days, he practically preserved its existence. He contributed liberally to its needs because he was in sympathy with its general purposes, and believed in its power to do future good. He always expressed a sincere hope that subsequent donations might be as unrestricted as were his own.

The other portrait is of Mr. Richard Perkins, also a large benefactor of the Institute. He left it the sum of \$100,000, one half to be used for scholarships and the other half to be devoted to general purposes. His portrait was painted by order of his widow, at the same time as was that of President Francis A. Walker, which now hangs in the president's office.

Directly opposite the door of the library is a magnificent bust, which has also been placed there during the present school year. The bust was made by the well-known sculptor, Mr. Henry Dexter. It is the head of Mr. Albion K. P. Welch of Philadelphia, who some years ago left a large sum to the Institute. Shortly after the death of Mr. Welch his wife also died, and, as there were no heirs, the executors of the estate decided to give the bust to the Institute.

One Hundred Dollars Reward.



WAS bound down Boylston Street to the theatre; with dress suit, cane and tall hat; a gaudy red crysanthemum in my buttonhole, and the jingle of change in my pocket.

The clear cold quiet of the evening was disturbed only by the footsteps of the hurrying throng.

Leaving the bustle of the pleasure-seeking crowd, I plunged down Carver Street past the Steinert building, and in my haste to find a short cut to the Hollis Street, I got tangled in what by night seemed a maze of squalid alleys. At length, I came into one darker, dirtier, worse than all the others. Heaps of noisome refuse covered the pavement. My footsteps broke the terror of the silence with a jeering, mocking sound. From far down the alley came a woman's laugh, a dreadful laugh.

A gust of wind swept down with a weird, whistling rush, caught my hat and bounded it impishly along the pavement; then disappearing as suddenly as it came, left the hat to roll mockingly down a flight of steps leading to a basement. I hurried down after it; caught my foot, and fell heavily against a door at the bottom of the stairs. The door gave way, and I sprawled full length on the floor inside.

The room was bare and filthy; long festoons of dirt-filled cobwebs hung from beam to beam; and the floor was covered deep with untracked dust. In one corner a candle burned with a feeble, reddish flame; it threw uncertain flickerings of light into the darkness; and cast fanciful, changing shadows on the wall.

Almost hidden, an old woman sat rocking and mumbling to herself. Her pipe glowed fitfully and filled the room with heavy, black,

sickening fumes; the ever-recurring glow of the pipe held my eyes fascinated. I stood spell-bound.

"Just a moment, my dear," said the old hag in a wicked, wheedling voice. All bent up and puffing her dirty stub of pipe, she shuffled towards me. The yellow skin hung loose and wrinkled about her face; a grizzly beard covered her chin; her eyes had a leering wickedness, a snaky fascination. She straightened in front of me, took a long pull at her pipe, and blew the overpowering fumes full in my face. My head turned giddy, my knees grew weak, I staggered backwards, and fell in a heap just outside the door. It was only for a moment; revived by the fresh air I got uncertainly to my feet. As I did so the door closed in my face with a bang.

* * *

Although the exact reasons why this information is wanted cannot be told, the following offer is made:—

ONE HUNDRED DOLLARS REWARD.

The above reward will be paid to any student giving suitable information concerning the place where occurred the events described above. For directions and particulars apply to Box 512 "Cage." Zig-Zag, '03.

Book Review.

Pennsylvania Stories is now out in its third edition, the two previous editions having been exhausted inside of three weeks. The book is an attractively-bound little volume of about 250 pages, containing nine characteristic college stories by Arthur Hobson Quinn. The stories are all placed in University of Pennsylvania life, and they are original and brightly written. "The Second Act" is one of the most pleasing of the book, though its plot is not as original as the others and its capabilities seem not to have been fully appreciated. "For Pennsylvania's Honor" is probably the finest tale of the nine, and it

is certainly deserving of great praise. Only favorable criticism can be made upon the able delineation of character that is done and the careful development of the plot of the story. The book is illustrated uniformly and well by F. F. Lincoln. The volume is got up neatly, artistically, servicably.

[*Pennsylvania Stories: Arthur Hobson Quinn: Penn Publishing Company.*]

The Wellesley Concert.

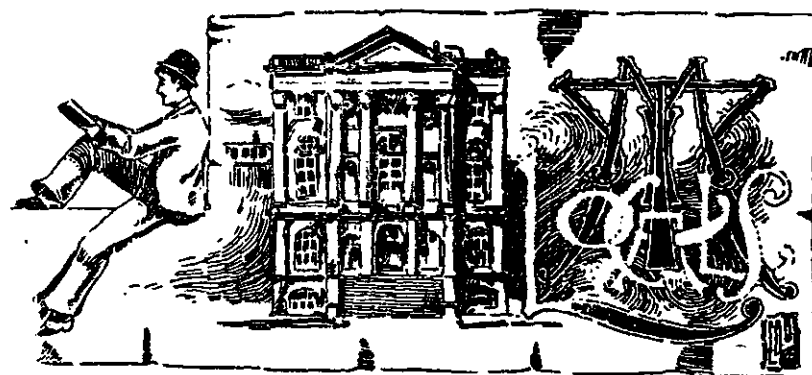
On Monday evening, March 5, the Musical Clubs gave the annual concert in the Wellesley town hall. The hall was well filled with an appreciative audience which was very generous in its applause. The clubs received magnificent bouquets of carnations from the Dana Hall and Wellesley Musical Clubs. Rain prevented the usual serenade of the college afterwards, and the men took their private car home after a most successful concert, musically and socially.

Communications.

The Editors do not hold themselves responsible for opinions expressed by Correspondents.

I desire to call the attention of the students to the fact that we have a Trophy Room at 34 Rogers, but there are very few trophies in it as yet owing to the fact that the men who have prizes will not put any of them in the cases. This room was only secured after a great deal of trouble and several years of waiting, and now the fellows ought to support it by placing their trophies in it. If each athlete who has prizes would put one prize in the room for the remainder of the year it would make quite a respectable showing. I request that each athlete contribute one or more of his trophies to the decoration of the room. I shall be in Rogers corridor every morning at 9 o'clock to receive them, or they may be left at the "Cage" for me.

HENRY D. JOUETT, '00,
Custodian of Trophy Room.



The Board of Editors of the TECH will give a tea in Junior Week.

"The Miser," the Walker Club Play, is to be given in Copley Hall on April 25th.

Application blanks for tickets to the Medicine Man are to be had at the Cage or of R. Murray, '01.

T. F. E. Reardon, '00, who has been ill with typhoid fever has now fully recovered. He will return next year to complete his course.

Tickets for the 1901 Class Dinner, to be held at the Thorndike, on March 15th, are to be had of Messrs. Kennedy, Whipple, Knox, Holmes and Danforth. Dress suits are not required at the dinner.

The Class Day Committee was organized on Monday, March 12. W. R. Collier was elected chairman and S. C. Sears, secretary. A committee of three was appointed to submit rules to govern the proceedings of the committee.

The Portfolio Committee have mailed circulars to all fourth-year men, to be filled out for portfolio data. These circulars should be returned at once, as the committee do not guarantee the insertion of delayed matter in the portfolio.

The Boston Society of Civil Engineers held its annual dinner at the Vendome on March 6th, the office of toastmaster being taken by Prof. C. Frank Allen. A quartette from the M. I. T. musical clubs furnished the musical entertainment of the evening.

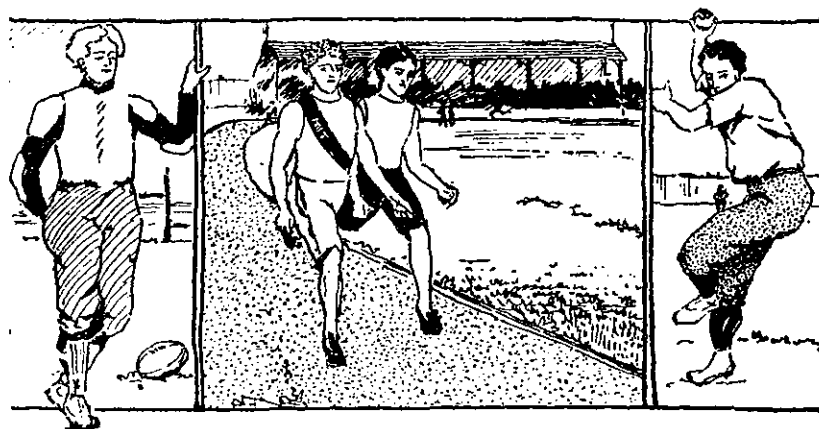
General Paine has presented the department of Naval Architecture with models of the *Puritan*, *Mayflower* and *Volunteer*, the yachts with which he successfully defended the America's Cup against the *Genesta*, *Galatea* and *Thistle* in 1885, 1886 and 1887. The models are hung in the Naval Architectural Drawing Room, 32 Eng. B., and are attracting much attention.

A meeting of the Senior Class was held on Friday, March 9, to discuss the debt. It was finally voted to levy an assessment, proportioning the debt equally among the class. President Leonard was authorized to appoint a committee of three to draw up a Graduate Class Constitution. Messrs. Barney, Sperry and Tuck were appointed.

The Class Day Nominating Committee, elected on March 7, consists of the following men: Barney, Batcheller, Brooks, Chaffee, Chase, Collier, Dovey, Dutton, Fitch, M. W. Hall, Hough, Jouett, Lawrence, Leonard, MacMaster, C. V. Merrick, Neall, H. E. Osgood, Rapp, Roberts, Russell, Schneller, Sears, Sperry, Stewart, Zeigler.

Last Saturday evening the M. I. T. Musical Clubs were the guests of the Colonial Club of Cambridge. This has come to be one of the pleasantest annual evenings in the season, for the members were tendered a spread and given the freedom of the clubhouse, after a short and very good concert given by them in the main assembly hall.

At the regular meeting, on March 7th, of the Sophomore Class it was voted to appropriate about twenty-five dollars to the management of the 1902 Baseball Team. Regulations in regard to the election of the 1902 Technique Electoral Committee were presented by the President. A committee, consisting of Tolman, Cook and I. R. Adams, Chr., was appointed later by the Chair to consider the regulations and the matter in full and make a report to the class.



Syracuse University will send a team to compete in the Olympian games at Paris.

A few venturesome athletes have been tempted to brave the outdoor weather for short runs.

Chauncy-Hall boys are making good use of the Gym., getting into shape for out-of-door work.

Freshmen candidates for track team positions will do well to begin early in preparation for spring work.

John Graham, of B. A. A. fame, is to coach Bowdoin in the track this spring. Under his able management a crack team should result.

Manager Hilken has so far scheduled games with Trinity, Amherst, Dartmouth, Brown, Holy Cross, Boston College, Tufts and Worcester Tech.

McDonald has begun training for the spring meet and, if he improves as rapidly as he has done during the last year, will become a point winner for the track team.

It has not yet been decided who will train the track team this spring. Last year's trainer, Mr. John Bowler at Charlesbank, is unable to do so on account of the increase in his professional duties.

The Hare and Hounds Club held their run from Wellesley Hills last Saturday. Hunter, '02, and Manson, '03, ran hare and laid a trail eight and a half miles long. The chase led up to Wellesley, keeping to the north of the railroad, across the college grounds and

through the estate of R. G. Shaw, returning along the Sudbury aqueduct and through a long patch of woods over Maugus Hill. Pember, '02, led at the finish, with Balcom, '00, Pulsifer, '03, and C. F. Greene, '03, at his heels. Owing to heavy rains this spring, the footing was wet in places, but the day was fine and the run was very enjoyable.



'73. William E. Brotherton, V., has left Burkhardt & Co., and is now associated with the firm of Rogers, Brown & Co., of Cincinnati, Ohio.

'74. William Foster has just made a professional visit to Boston, preparatory to a tour in Arizona.

'80. Cass Gilbert, of Minneapolis, Minn., has been appointed the architect of the new Government Building of New York.

'88. A. P. Gaines is now general manager of the Jefferson Iron Co., manufacturers of charcoal pig iron, Jefferson, Texas.

'89. Clayton W. Pike, of Keller, Pike & Co., contractors, Philadelphia, had charge of the installation of all the electrical apparatus in connection with the power appliances required for the Export Exposition recently held in Philadelphia.

'90. Mr. A. D. Boss, II., is the new superintendent of the finishing department of the Willimantic Linen Co.


'99. W. A. Price, I., and F. R. Sites, I., are in the employ of the Penn. Steel Co.

'99. Messrs. F. C. Waddell, I., and C. W. Brown, I., are with the Brown Hoisting and Conveying Co., of Cleveland, Ohio.

'99. Mr. A. R. Holliday, I., is an assistant in the Engineering corps of the Maintenance of Way Department of the Lehigh Valley Railroad.

'99. Mr. T. J. Huse, II., has a position as superintendent, with Geo. Messersmith & Co., general constructors & contractors, of Chicago.

"THE GIRLS ARE FOND OF THESE"



TECH. EMBLEMS.

Greatest Variety.
Lowest Prices.

BENT & BUSH,

367 WASHINGTON ST., BOSTON.

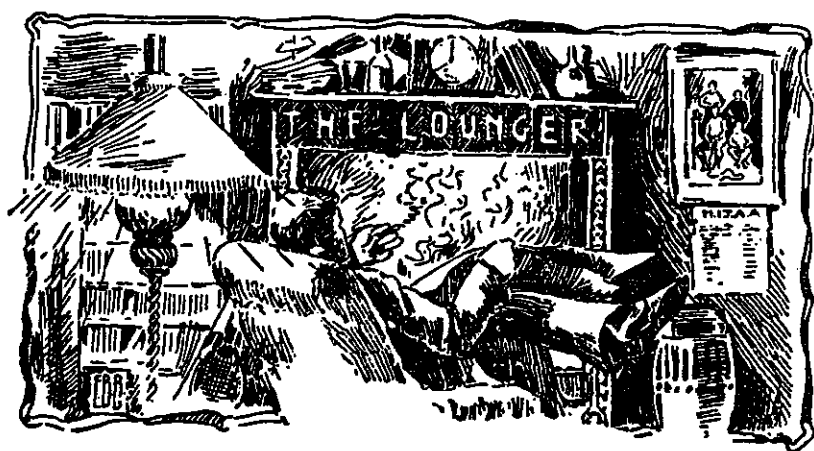
An . . .
Artistic
Work .

THE
1901

A
Valuable .
and . . .
Humorous
Work. . .

Technique

will contain a history of every *Class*, a picture of every *Professor*, a statement of every *Society*, the name of every *Student* in M. I. T. It will contain several full-page *illustrations*; numerous other pieces of *artistic work*. It will have histories of the *summer schools*, and will contain *five special articles*. It will make a particular feature of *grinds* and *quotations* and *verse*. *Athletic* records and teams; *statistical* information; everything will be accompanied by *illustrations*. The book is issued in *Junior Week*, in *April*. Every person, student or instructor, at the Institute gets one copy or more. Tickets now ready.



The explosion of a jar of bromine in the Mining Lab. on the morning of March 7th, had another effect besides giving "The Irish Gentleman," who was conducting a class in the next room, a chance to show his benignity and coolness, by pulling the window shades to prevent suffocation in his own class and the distressing sight of three reeling assistants from breaking up the recitation. This other effect is explained by the fact that the ventilators in the Lab. voraciously seized upon the floating fumes and ejected them in Huntingdon Hall where a lecture in Pol. Econ. was taking place; it also chanced that the bromine vapor was discharged in proximity to the platform where the lecturer was standing. Soon the speaker began to experience those well-known pungent eye-watery sensations, but at first he endured it with his customary light-heartedness. "Gentlemen," he said, "this gas—I say, gentlemen—this gas is something more than decomposing, it is discomposing." The gas expanded; it appeared to rise from beneath the stage itself. The apparent truth of the whole matter immediately created itself in the inventive mind of the Economist. "The class is dismissed," he thundered, "I say this class is dismissed," and then in an unsteady voice he delivered this remarkable sentence: "Some student—has placed a—generator—beneath this platform and that, that student—shall—suffer."

Everything has now been cleared up—would that all the clouds and mysteries of the Tech man's life could be as easily dispersed and explained. The class in economics knows the method by which the bromine gas was actually generated, and has an instructive object lesson to serve as a warning. As for the professor—he knows all and joins in the laugh with the rest. Only THE LOUNGER remains unsatisfied; one thing is to him still obscure. He knows, however false to real life the fundamental assumptions of political economy may be, that the exponents of the science are truthful. Whatever faults the economist may have he does not dissemble. If he does not know in regard to a certain question he frankly say, "there is much to be said on both

sides"—in fact he always answers a question with this sentence. In view of the fact, THE LOUNGER feels bewildered and in a way awed when he recalls the statement of the Pol. Econ. lecturer on Tuesday, March the seventh. THE LOUNGER asks himself in vain by what chain of cause and effect, the professor when on the stage with super-Sherlock-Holmes perspicacity solved for himself the complex question of who made the gas? I say—of who it was that set the generator in generation? Can it be to the matter-of-fact, business mind, which the political economist must possess, there is further demanded that quality of mind usually thought to be confined to the novelist, the poet, the transcendentalist, the child—that quality of idealistic imagination? THE LOUNGER fears for the degeneration of the human race, and shudders.

It was not long ago that THE LOUNGER discoursed anent the growing popularity of physical culture at the Institute. But the opportunities for this sort of culture have been somewhat inadequate if the three new pieces of apparatus on Exeter St. and the combination of twenty-four chairs, a dumb waiter, one bow of blue ribbon and closely drawn curtains with which the Co-Eds. Gym. is equipped, are left out of the discussion. It is true the Engineering Lab. has its possibilities, but after lifting even the small Corliss engine off its dead centres a few times and breaking a few ten-inch I beams the novelty of the thing becomes about as stimulating as a five-cent bottle of sarsaparilla at a Tech. Yacht Club dinner. What is more important, the Faculty are debarred even this gentle exercise by their desire to see the undergraduates avail themselves of all these privileges of the Institute. That all these things are written is due to the discovery of the hidden cause of the requests of certain members of the Ph.D. for laboratories for private research. The secret of one these holy of holy places where Freshmen fear to tread was out when Professor Foley was seen to enter late one afternoon. Just what followed, THE LOUNGER cannot precisely say, because an oak door is a good muffler for the shock of a left hook and the sound of a body-swing is easily taken to be the whirl of an anemometer. Still it seems to THE LOUNGER that the recent events in Drill have driven certain of the instructing staff to experiment in the "manly art of self defence" in anticipation of further trouble. In view of this the Freshmen are warned, so that nothing worse may come of it than an extra heavy item for breakage in the Chem. Lab. Incidentally it is the object of THE LOUNGER to show to our Alumni the varied uses of laboratories of private research, and that the necessity is urgent for speedy contributions to a fund to be devoted to the erecting of a gymnasium that shall be a suitable memorial to our beloved Secretary and his athletic colleagues.



Discount to Tech. Students.

The
Nesmith
Shoe,

\$3.50

STUDENTS . . .

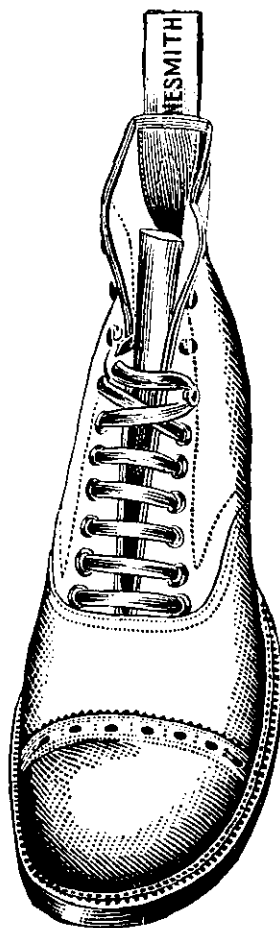
Call at our Retail Store,

112-a Summer Street,

and examine the shoes made
on our new * * * *

Foot-Form Lasts.

For Comfort and Style you will find
them without an equal.



Hall & Hancock,

Novelties in - - - -

SOFT
HATS AND
STIFF
HATS

Canes, Umbrellas,

Hat Cases and Gloves.

407 Washington Street

Discount to Tech. Students.

Established 1828.

CHAUNCY-HALL SCHOOL

HAS LONG MADE A

SPECIALTY OF PREPARATION FOR
TECHNOLOGY.

REFERENCE is made to the President and Secretary of the
Institute in regard to the thoroughness with which Chauncy-
Hall pupils are fitted, not only for entering the Institute but
also for pursuing successfully their subsequent work. Prepa-
ration also for business and for college.

Regular Grammar and High-School
Courses, fitting for Business
and for College.

458 Boylston Street, - - - - Boston, Mass.

(OPPOSITE THE INSTITUTE.)

TAYLOR, De MERITTE & HAGAR,
PRINCIPALS.



A. S. ADAMS

Maker of the Official

M. I. T. Pin

8 Winter St., BOSTON.

**WANTED:**An Assistant Business Manager
for THE TECH from**1903**

THE TECHNOLOGY REVIEW

A GRADUATE'S MAGAZINE devoted to the interests of
the MASSACHUSETTS INSTITUTE OF TECHNOLOGY,
and published four times a year by the Class Secretaries,
at 71 Newbury Street, Boston. Price, one dollar a year;
single copies, thirty-five cents.

The BRUNSWICK BOSTON.

Boylston and Clarendon Streets.
(Adjoining Copley Square.)

Near the Museum of Fine Arts, New
Public Library, New Old South
Church, and opposite Trinity
(Phillips Brooks') Church
and Institute of
Technology.

KEPT ON BOTH AMERICAN
AND EUROPEAN PLANS.

BARNES & DUNKLEE, Proprietors,
H. H. BARNES, Manager,



Charles A. Hoyle, PORTRAITS.

. . . . Specialty in Platinums

Official Photographer for Tech '99.

288 BOYLSTON STREET, - opp. Subway Entrance.



Week Commencing March 19, 1900.

Tremont Theatre. — An unusually interesting revival of one of last season's greatest successes in Boston will take place next Monday evening, when that most delightful of musical comedies, "The Geisha," will be presented at the Tremont Theatre. The production will be identical with that given at Daly's Theatre, New York, while the cast will be one of the most notable that has ever appeared in the work.

Hollis Street Theatre. — Maud Adams will present her famous play, "The Little Minister." This

piece is well-known in Boston and is sure to have a very successful run. Maud Adams, who has so many friends in this city, is appearing for the last time in this play, and those who have not seen her should not lose the opportunity.

Boston Museum. — "The dramatized version of Charles Dickens' novel, "A Tale of Two Cities," is to be played by Henry Miller and an excellent company. This play is called "The Only Way," and is a very finely staged and costumed piece.

Castle Square Theatre. — "The dramatic version of Anthony Hope's "Rupert of Hentzau," will have its first production by the Castle Square Theatre Stock Company this week. The completion of the famous author's story of "The Prisoner of Zenda," thus given in its dramatic form, will afford a most enjoyable attraction for the patrons of this theatre.

Columbia Theatre. — "The Rounders" are nearing the end of their run here, and all who have not seen it should not miss the opportunity of enjoying a hearty laugh. Dan Daly is a great artist in his line and every person who sees this performance will always remember him.

HERRICK TICKETS Copley
ALL THEATRES. Square.
Telephone 608 and 950, Back Bay.

STUDENTS WILL FIND

✻ ✻ SUPERIOR ✻ ✻

Drafting Instruments, Drawing and Blue Process Papers,
Scales, Triangles, Curves, T Squares, Colors, Etc.

At the Manufacturers, **WADSWORTH, HOWLAND & CO.,** ^{Incorporated,} 218 CLARENDON ST.,

Main Office: 82 & 84 Washington St., Boston.

Factories: Malden, Mass.

Special Rates to Students.

THE TECH

AN EXTRA ASSORTMENT OF

GOLF TROUSERS

In Latest Patterns,

FOR FALL AND WINTER WEAR,

Continental Clothing House,

Cor. Washington and Boylston Streets.



TECH MEN!

... GO TO ...

Newman the Shoeman

COLLEGE SHOEMAKER,

For your Shoes and Rubbers.

79 TREMONT STREET, Tremont Building, Boston,
and Harvard Square, Cambridge.

C. E. DAVIS & CO.'S,

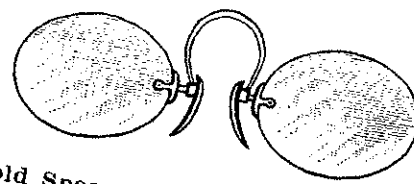
2 PARK SQUARE,

BIG REDUCTION

... ON ...

Oculists' Prescriptions.

CALL OR MAIL YOUR FORMULA.



Rimless 14K Gold Specs, with Astigmatic Lenses, \$4.00 complete.
Rimless 10 K Gold Specs, with Astigmatic Lenses, \$3.00 complete.
Rimless Superior Style Gold Eye Glasses, Astigmatic Lenses, \$3.00 complete.
ANY PRESCRIPTION FILLED, simple or complicated. In Best Nickel, \$1.50; Gold, \$3.00.
THE PAT. DAVIS CLIP..... 25c. Per Pair.
DAVIS REFORM ARTIFICIAL EYES..... \$4.00.

FACTORY ON PREMISES.

.... S. SIMONS

We carry a Full Line of Leading Styles in

Men's High-Grade Shoes

Lowest Prices.

We do Repairing.

46 Charles Street, Boston.

SCIENTIFIC BOOKS

DAMRELL & UPHAM,

The Old Corner Bookstore,

283 Washington St., Boston.

ESTABLISHED 1843.

INCORPORATED 1895.

"STUDENTS," ATTENTION!

Largest Stock and Lowest Prices on

MATHEMATICAL INSTRUMENTS

and Drawing Materials of all kinds.

Picture Framing a Specialty. ❀ ❀

FROST & ADAMS COMPANY,

Importers and Wholesale Dealers,

"Special Rates to Colleges."
New Illustrated Catalogue Free.

37 Cornhill, Boston.

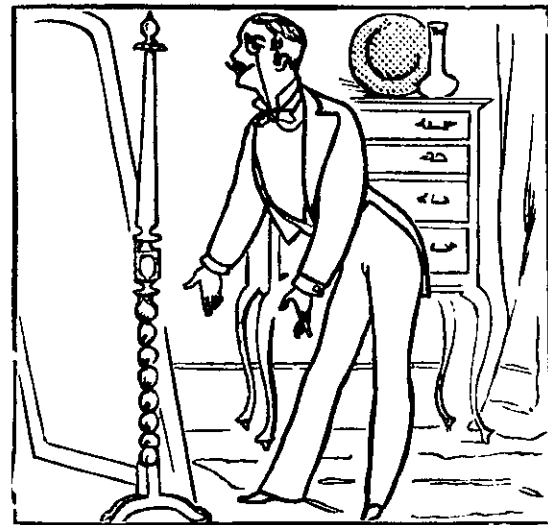


"A slice to a pipeful" is one reason why Old English Curve Cut pipe tobacco is so popular. The

curved tin box that fits any pocket is another reason. No other pipe tobacco has ever made as many friends in so short a time.

"It disappoints no one."

A trial box will be sent to any one anywhere on receipt of ten cents in stamps. Address Old English Department, The American Tobacco Co., 111 Fifth Ave., New York City. All dealers sell it



"When I first put this uniform on,
I said as I looked in the glass,
T'is one to a million
If any civilian,
My beauty and form can surpass "

— Patience.

The dress suit is as much a uniform as any Military equipment, and we have no doubt a great many of our customers seeing themselves in the glass, have thought it would be difficult — if not impossible — to surpass the style and cut of our custom garments. We make dress suits to order, for special occasions, at very short notice, and we also keep dress coats in stock, ready made.

Only four weeks before Easter.

OAK HALL CLOTHING COMPANY,

95 to 105 Washington Street.

Cor. of Elm Street.

Established 1889.

Telephone Connection.



Spring Opening.

Our large new stock for the Spring season has arrived and ready for inspection.

A. H. MATZ & CO.

... Merchant Tailors ...

347 COLUMBUS AVENUE.

BOSTON.

ALL GOODS REQUIRED BY
STUDENTS AT

MacLachlan's,

214 Clarendon Street.

Drawing Instruments and Materials, etc.
Fountain Pens, Text Books.

Elmer Chickering,

The Leading Photographer.

21 WEST STREET, BOSTON.



J. C. LITTLEFIELD,

Tailor and Outfitter,

12 Beacon Street.

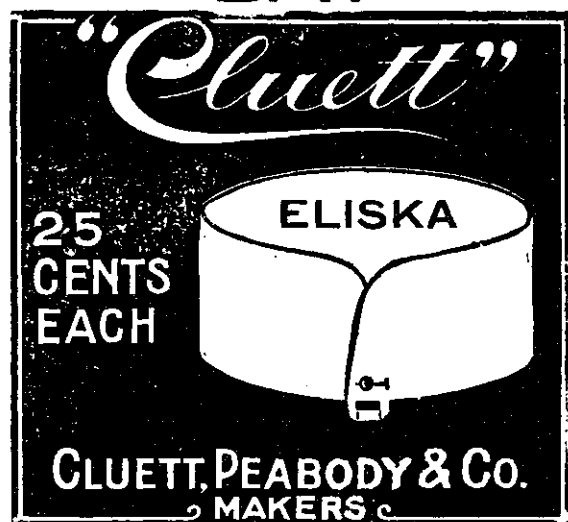
Boston.

I can offer you a larger and more complete assortment than can be seen elsewhere, and at lower prices for the same qualities. Look in and examine my prices before placing your order.

Golf Breeches, Riding Breeches, and Dress Suits a Specialty.

DISCOUNT TO STUDENTS.

B. T.



SPECIAL RATES TO M. I. T. STUDENTS.

Class Rate 1899-1900.

Crown Photograph — Carbonette Finish . .
First Dozen, \$3.00. Additional Dozens at \$2.00
Four Dozen (50) Pictures Ordered at One Time, \$8.00 . .
Eight Dozen (100) Pictures Ordered at One Time, \$12.00.
With each lot of four dozen two finished proofs allowed.
With each lot of eight dozen four finished proofs allowed.
Each extra position finished for fifty cents each
Ten extra pictures given free with every order for 50 . . .
Fifteen extra pictures given free with every order for 100